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SAWZIT 2000

Semi Synthetic Cutting Fluid

Product description

SAWZIT 2000 is a semi synthetic cutting fluid. It is designed to provide excellent lubricating characteristics for cutting of all ferrous and non-ferrous metals. It is not compatible for use on magnesium. Sawzit 2000's chemistry is based on a unique blend of high-quality additives that enable this fluid to provide excellent cutting performance. Sawzit 2000 was designed to be low foaming and provide superior rust protection at ratios between 5-1 and 20-1. Sawzit 2000 runs clean, lasts long, and will not create an abundance of buildup requiring excessive maintenance, when used at the proper dilution ratio.

Product Application

This product is designed for cutting operations on bandsaw, cold saw, etc.

Features, and benefits

Use on all metals.

Non-toxic; non-flammable liquid.

Low foaming.

Does not contain nitrites, chromates, phosphates, and is oil-rejecting.

Excellent blade life.

Excellent corrosion protection.

Hard water stable.

Physical and chemical properties

Appearance: Clear Teal Green Liquid

Appearance at dilution: Faint green appearance

pH: 8 – 8.6

Specific gravity: 1.0 kg/l

Recommended Concentration

Coolant percentage	Refractive index	Dilution Ratio
20%	6.0	5-1
10%	3.0	10-1
7½%	2.25	15-1
5%	1.6	20-1

Use directions

- It is always important that when working with a water-based coolant, to realize that the water evaporates rapidly. When this happens, you will need to replace the evaporated water /coolant mix. By increasing the water amount, you will be able to keep a consistent mix ratio. For instance, if you are using the coolant at a 10:1 ratio, your makeup ratio should be 15:1 to replace the water lost from evaporation. This is a general rule of thumb on this. It is recommended you use a refractometer to better keep control of your metalworking fluids.
- **Always pre-mix coolant** before adding it to the machine.
- If mixing by hand, always **add the coolant concentrate to water**, then agitate.
- Use of some type of proportioner is recommended.

Safety and handling

Refer to Safety Data Sheet for additional information on this product.